

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.-19. (Cancelled)

20. (New) A recording and reproducing system configured to read from and write to a recording medium comprising:

a recording apparatus having

an internal storage unit configured to store a plurality of data files;

and

a recording unit configured to record in the recording medium:

a plurality of the data files selected from the internal storage unit;

a plurality of play list files which each include a plurality of data information arranged in reproduction order, each of the plurality of data information indicates one of the plurality of data files; and

a menu file which includes a plurality of menu information, each of the plurality of the menu information indicating one or more of the plurality of play list files, the plurality of the menu information having a hierarchical structure; and

a reproducing apparatus having

a display unit configured to display one or more of the plurality of menu information;

a selecting unit configured to select a play list file indicated by the displayed menu information; and

a reproducing unit configured to reproduce the data files indicated by the data information in the selected play list file,

wherein the hierarchical structure of the menu information provides a parent menu information indicating a first one or more play list files and a child menu information of the parent menu information indicating a second one or more play list files, the child menu information being selectable via the parent menu information, and

wherein the display unit displays the parent menu information initially so that the first one or more play list files can be directly selected via the initial display, and displays the child menu information subsequently upon being selected via the parent menu information so that the second one or more play list files can be directly selected via the subsequent display.

21. (New) The recording and reproducing system of claim 20, wherein the parent menu information includes identifications for the first one or more play list files so that the first one or more play list files can be selected directly via the parent menu information, the child menu information includes identifications for the second one or more play list files so that the second one or more play list files can be selected directly via the child menu information.

22. (New) A recording apparatus comprising:

an internal storage unit configured to store a data files; and

a recording unit configured to record in a recording medium:

a plurality of the data files selected from the internal storage unit;

a plurality of play list files which each include a plurality of data information arranged in reproduction order, each of the plurality of data information indicates one of the plurality of data files; and

a menu file which includes a plurality of menu information which have a hierarchical structure, each of the plurality of the menu information indicating one or more of the plurality of play list files,

wherein the hierarchical structure of the menu information provides parent menu information indicating a first one or more play list files and child menu information of the parent menu indicating a second one or more play list files, the child menu information being accessible via the parent menu information, and

wherein the parent menu information includes identifications for the first one or more play list files so that the first one or more play list files are accessible directly via the parent menu information, the child menu information includes identifications for the second one or more play list files so that the second one or more play list files are accessible directly via the child menu information.

23. (New) A reproducing apparatus comprising:

a reading unit configured to read, from a recording medium;

a plurality of data files,

a plurality of play list files which each include a plurality of data information arranged in reproduction order, each of the plurality of data information indicates one of the plurality of data files, and

a menu file which includes a plurality of menu information which have a hierarchical structure, each of the plurality of the menu information indicating one or more of the plurality of play list files;

a display unit configured to display the menu information which indicates the one or more of the plurality of play list files;

a selecting unit configured to select the one or more play list files indicated by the displayed menu information on the display unit; and

a reproducing unit configured to reproduce the data files indicated by the data information in the selected play list file,

wherein the hierarchical structure of the menu information provides a parent menu information indicating a first one or more play list files and a child menu information of the parent menu indicating a second one or more play list files, the child menu information being selectable via the parent menu information,

wherein the display unit displays the parent menu information initially, and displays the child menu information subsequently upon being selected via the parent menu information, and

wherein the first one or more play list files are directly accessible via the initial display.

24. (New) The reproducing apparatus of claim 23, wherein the parent menu information includes identifications for each of the respective one or more play list files so that they are accessible directly at a level of the parent menu information.

25. (New) A recording method of recording data in a recording medium, comprising steps of:

selecting a plurality of data files stored in an internal storage unit;

creating a plurality of play list files which each include a plurality of data information arranged in reproduction order, each of the plurality of data information indicates one of the plurality of data files;

creating a menu file which includes a plurality of menu information which have a hierarchical structure, each of the plurality of the menu information indicating one or more of the plurality of play list files; and

recording the selected data files, the created play list files, and the created menu file, in the recording medium,

wherein the hierarchical structure of the menu information provides a parent menu information indicating a first one or more play list files and a child menu information of the parent menu indicating a second one or more play list files, the parent menu information includes identifications for the first one or more play list files so that the first one or more play list files are accessible directly via the parent menu information, the child menu information includes identifications for the second one or more play list files so that the second one or more play list files are accessible directly via the child menu information.

26. (New) A reproducing method of reproducing from a recording medium comprising steps of:

reading, from the recording medium,

a plurality of data files,

a plurality of play list files which each include a plurality of data information arranged in reproduction order, each of the plurality of data information indicates one of the plurality of data files, and

a menu file which includes a plurality of menu information which have a hierarchical structure, each of the plurality of the menu information indicating one or more of the plurality of play list files;

displaying one of the plurality of menu information which indicates a respective one or more play list files;

selecting the one or more play list files indicated by the displayed menu information; and

reproducing the data files indicated by the data information in the selected one or more play list files,

wherein the hierarchical structure of the menu information provides a parent menu information indicating a first one or more play list files and a child menu information of the parent menu information indicating a second one or more play list files, the child menu information being selectable via the parent menu information,

wherein, in displaying step, displaying the parent menu information initially, and replacing the initial display with a display of the child menu information subsequently upon being selected via the parent menu information, and

wherein the first one or more play list files are directly accessibly via the initial display.

27. (New) The reproducing method of claim 26, wherein the parent menu information includes identifications for each of the respective one or more play list files so that they are selectable directly at a level of the parent menu information.

28. (New) A reproducing method of reproducing from a recording medium comprising:

reading a plurality of data files, a plurality of play list files and a menu file from a recording medium,

wherein each of the plurality of play list files includes a plurality of data information indicating one of the plurality of data files, the plurality of data information being described in reproduction order,

wherein the menu file includes a parent menu information and a plurality of child menu information, each of the parent menu information and the plurality of child menu information indicating one or more of the plurality of play list files, each of the plurality of child menu information accessibly via the parent menu information or another of the plurality of child menu information;

displaying the parent menu information initially, and displaying one or more of the plurality of the child menu information subsequently upon being selected via the parent menu information;

selecting the one or more play list files indicated by the displayed menu information; and

reproducing the data files indicated by the data information in the selected one or more play list files,

wherein the parent menu information includes identifications for each of the respective one or more play list files so that they are accessible directly via the parent menu information, the child menu information includes identifications for the respective one or more play list files so that they are accessible directly via the child menu information.

29. (New) The method of claim 28, wherein the first one or more play list files are directly accessible via the initial display.

30. (New) A non-transitory computer readable medium including a program that is adapted to control a computer to implement the method of claim 25.

31. (New) A non-transitory computer readable medium including a program that is adapted to control a computer to implement the method of claim 26.

32. (New) A non-transitory computer readable medium including a program that is adapted to control a computer to implement the method of claim 28.